

REQUEST FOR COUNCIL ACTION

SUBJECT: 2015 Draft Storm Drainage Master Plan Review

SUMMARY: City Staff has been working with Hansen Allen and Luce, Inc. to prepare an updated Storm Drainage Master Plan. This document will serve as the basis for preparation of the Storm Drainage Capital Facility Plan. The Draft Plan will be presented to the Public at an Open House before it is adopted by the City Council.

FISCAL

IMPACT: The report addresses recommended future storm drain projects which will impact the stormwater budget.

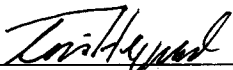
STAFF RECOMMENDATION:

Staff recommends City Council review the 2015 Draft Final Storm Drainage Master Plan.

MOTION RECOMMENDED:

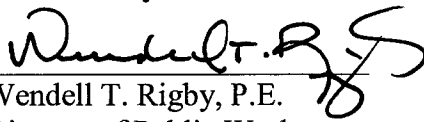
I move to direct City staff to prepare for the public open house to receive public comments on the Draft Storm Drainage Master Plan and to have staff work with the consultant to prepare an updated storm drain capital facility plan.

Prepared by:



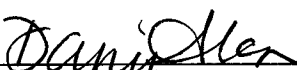
Tim Heyrend, P.E.
Utilities Engineer

Reviewed by:



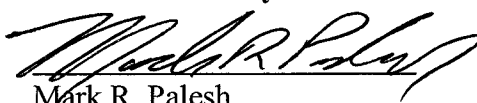
Wendell T. Rigby, P.E.
Director of Public Works

Reviewed as to Legal Sufficiency:



Darien Alcorn
Acting City Attorney

Recommended by:



Mark R. Palesh
City Manager

BACKGROUND DISCUSSION:

The City's Master Drainage Plan was last updated in 2007, which included the assessment and recommendations for future detention basins, pipelines, culverts model calibration and a capital projects list. Since that time, the City contracted with Hansen Allen and Luce to complete a new Storm Drainage Master Plan.

The new Storm Master Drainage Plan uses storm modeling software to evaluate the City's infrastructure during a 10-year and 100-year storm event. The storm pipes are expected to convey the 10-year storm event, and streets, curb, and gutter are expected to convey the 100-year event to storm detention basins. Chapter 4, Table 4-1 and Figure 4-1 provide a list of storm system deficiencies. City staff also contributed observations of areas in the City that have infrastructure problems. Solutions to the deficiencies were studied in the storm drain model, and are listed in the Capital Improvement Plan shown in Chapter 5, Table 5-1 and Figure 5-1. The total cost for the storm drainage improvements is \$44,339,000 of which \$21,709,000 is eligible for impact fee reimbursement.

The City has scheduled a public open house for October 13th. This is in addition to a recent open house that was held at Constitution Park to discuss the proposed storm drain improvements in the area along 7000 South. After comments are received, the Storm Drainage Master Plan will again be brought before the City Council for final approval.

A hard copy of the Storm Drainage Master Plan is available for your review at the City Clerk's office or digitally on the Global drive G \Free Space\Council PPT Presentations\West Jordan SWMP Final Draft August 2015.